

Title 33
ENVIRONMENTAL QUALITY
Part III. Air

Chapter 21. Control of Emission of Organic Compounds

Subchapter J. Limiting Volatile Organic Compound (VOC) Emissions from Reactor Processes and Distillation Operations in the Synthetic Organic Chemical Manufacturing Industry (SOCMI)

§2147. Limiting VOC Emissions from SOCMI Reactor Processes and Distillation Operations

* * *

[See Prior Text in A-D.1]

a. If the TRE value calculated using such engineering assessment and the TRE equation in Subsection D.6 of this Section is greater than 4.0, then it is not required that the owner or operator perform the measures specified in Subsection D.5, the monitoring requirements in Subsection E, or the reporting/recordkeeping requirements of Subsection F.1 of this Section. If a subsequent process change effects a reduction in the TRE index value to 4.0 or less, the owner or operator is immediately subject to all requirements of this Section that are applicable to a recalculated TRE value of 4.0 or less.

* * *

[See Prior Text in D.1.b-D.6.b]

7. Each owner or operator of ~~an affected facility seeking to comply with a vent stream subject to~~ Subsection C.2 of this Section shall recalculate the flow rate, ~~and TOC concentration, and TRE index value for that vent stream that affected facility whenever within two weeks of any process changes are made that could effect a change in one or more of these vent stream parameters.~~ The recalculations must be made using the methods and procedures contained in this Subsection. Examples of process changes include, but are not limited to, changes in production capacity, feedstock type, or catalyst type or replacement, removal, or addition of recovery equipment. ~~The flow rate and concentration shall be recalculated based on test data or on best engineering estimates of the effects of the change to the recovery system.~~

8. Where ~~the~~ a TRE index value, recalculated values as required in Subsection D.7 of this Section, yields a TRE index value less than or equal to 1.0, the owner or operator shall, within one week of the recalculation, notify the administrative authority* within one week of the process change and the results of the recalculation and shall conduct a performance test, as provided in Subsection D.1.b and 5 of this Section, as soon as possible, but no later than 1890 days after the recalculation. If the recalculated ~~of the TRE index according to the methods and~~

procedures required by this Subsection value is verified by the performance test to be less than or equal to 1.0, the owner or operator is immediately subject to all requirements of this Section that are applicable to a recalculated TRE value of 1.0 or less.

9. ~~The following p~~Procedures contained in Subsection D.9.a-e of this Section shall be used to demonstrate that a process vent stream has a VOC concentration below 500 ppm by volume.

* * *

[See Prior Text in D.9.a-Figure 1]

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 21:380 (April 1995), amended LR 22:1212 (December 1996), LR